

AMENDED

Serial No. _____

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE
STATE OF NEVADA HERETOFORE APPROPRIATED**

JAN 21 1985

Date of filing in State Engineer's Office _____

JAN 31 1985

Returned to applicant for correction _____

FEB 14 1985

Corrected application filed _____

Map filed FEB 14 1985

The applicant Chevron U.S.A., Inc. _____

P.O. Box 7147 _____ of San Francisco _____
Street and No. or P.O. Box No. City or Town

California 94120-7147 _____ hereby make _____ application for permission to change the
State and Zip Code No.

Point of Diversion, Manner of Use and Place of Use _____

Point of diversion, manner of use, and/or place of use

of water heretofore appropriated under Permit No. 45994 _____

(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and

identify right in Decree.)

1. The source of water is Underground - geothermal _____
Name of stream, lake, underground spring or other source.

2. The amount of water to be changed 5 (five) second-feet _____
Second feet, acre feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Industrial (Geothermal) and Domestic _____
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

4. The water heretofore permitted for use industrial geothermal _____
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

5. The water is to be diverted at the following point in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 13 T 31N _____
Describe as being within a 40-acre subdivision of public survey and by course and
R 47E MD B & M. From the point of diversion to the SE corner of said Section 13
distance to a section corner. If on unsurveyed land, it should be stated. 0
the distance is 863' on a bearing of S 40 18' E

6. The existing permitted point of diversion is located within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of section 17 T 31N R 48E _____
If point of diversion is not changed, do not answer.
MD B & M. From the point of diversion to the NW corner of said Section 17, the
distance is 1982.39' on a bearing of N 3 56' 33" W.

7. Proposed place of use within the Township of 31 N and Ranges 47 & 48 E _____
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.

8. Existing place of use Sections 8, 17, 18, 19 of T 31N R 48E _____
Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or
manner of use of irrigation permit, describe acreage to be removed from irrigation.

9. Use will be from January 1 _____ to December 31 _____ of each year.
Month and Day Month and Day

10. Use was permitted from January 1 _____ to December 31 _____ of each year.
Month and Day Month and Day

11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and
specifications of your diversion or storage works.) Propose to drill well Ginn 2-13 to a _____
State manner in which water is to be diverted, i.e. diversion structure, ditches,
nominal depth of 8000± The well will be cased with steel casing to total depth.
pipes and flumes, or drilled well, etc.

12. Estimated cost of works \$1.5 million _____

13. Estimated time required to construct works 2 months _____

14. Estimated time required to complete the application of water to beneficial use..... 24 months

15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Proposed well to develop geothermal resource for beneficial use.. Please
refer to Map 45994 for the existing point of diversion and place of use.

By s/ J. G. Turner J. G. Turner
Chevron Resources Co. P.O. Box 7147
San Francisco, CA 94120-7147

Compared.....js/mc.....js/bc.....

Protested.....

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion, place of use and manner of use of the waters of an underground (geothermal) source as heretofore granted under Permit 45994 is issued subject to the terms and conditions imposed in said Permit 45994 and with the understanding that no other rights on the source will be affected by the change proposed herein.

It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production and the amount of fluid injected into the injection well to determine the total amount of fluid consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

(CONTINUED ON PAGE 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed..... 5.0cubic feet per second.....

Work must be prosecuted with reasonable diligence and be completed on or before..... May 27, 1986

Proof of completion of work shall be filed before..... June 27, 1986

Application of water to beneficial use shall be made on or before..... May 27, 1988

Proof of the application of water to beneficial use shall be filed on or before..... June 27, 1988

Map in support of proof of beneficial use shall be filed on or before.....

Completion of work filed..... JUN 27 1986 IN TESTIMONY WHEREOF, I..... PETER G. MORROS

Proof of beneficial use filed..... DEC 11 1992 State Engineer of Nevada, have hereunto set my hand and the seal of

Cultural map filed..... my office, this..... 25th day of June.....

Certificate No. 13734 Issued SEP 15 1993 A.D. 19 85

(PERMIT TERMS CONTINUED)

A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the amount of geothermal fluid consumed to a beneficial use for the calendar year. This report must also detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid shall be limited to 3620 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 20% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

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